

IN THE CLAIMS

Please amend claims 1-5 as follows (A “marked up” copy of these claims is provided as an attachment to this Reply):

1. (Once Amended - Clean Text) An objective lens for an optical pick-up that converges a parallel light beam incident thereon onto a recording layer of an optical medium, said objective lens comprising:

a single glass plano-convex lens having a rotationally symmetrical convex aspherical surface at the incident side of the parallel light beam and a flat surface at the side of said optical medium, configured to maintain a numerical aperture of at least 0.7.

2. (Once Amended - Clean Text) The objective lens according to claim 1, wherein the refractive index of said glass is at least 1.6.

3. (Once Amended - Clean Text) The objective lens according to claim 1, wherein said plano-convex lens is produced by glass molding with a pair of dies that correspond to said convex and flat surfaces, respectively.

4. (Once Amended - Clean Text) The objective lens according to claim 1, wherein said plano-convex lens is provided with an outer flange formed around the edge thereof.

5. (Once Amended - Clean Text) An optical pickup, comprising:

a light source that emits a light beam;

an objective lens that converges the light beam emitted from said light source onto a recording layer of an optical medium, said objective lens comprising a single glass plano-convex lens having a rotationally symmetrical convex aspherical surface at the incident side of the light beam and a flat surface at the side of said optical medium, configured to maintain a numerical aperture of at least 0.7; and

a magnetic coil for applying a magnetic field to said optical medium, said magnetic coil being arranged on said flat surface of said objective lens.

Please add the following new claims for consideration by the Examiner:

--- 6. The objective lens according to claim 1, wherein wavefront aberration of said objective lens is less than 0.07λ rms. ---

--- 7. The objective lens according to claim 5, wherein wavefront aberration of said objective lens is less than 0.07λ rms. ---

REMARKS

Initially, Applicant would like to express his appreciation to the Examiner for the detailed Official Action provided, for the indication that the drawings as filed are